

UNITED STATES PATENT AND TRADEMARK OFFICE

VERIFICATION OF A TRANSLATION

I, Susan ANTHONY BA, ACIS,
Director of RWS Group plc, of Europa House, Marsham Way, Gerrards Cross,
Buckinghamshire, hereby England declare that:

My name and post office address are as stated below;

That the translator responsible for the attached translation is knowledgeable in the English language and in the Japanese language, and that, to the best of RWS Group plc knowledge and belief, the English translation of the marked portions of the attached Japanese document is true and complete.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: October 28, 2003

Signature :



For and on behalf of RWS Group plc

Post Office Address :

Europa House, Marsham Way,
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England.

REASON

The inventions pertaining to the following claims of the application cannot be granted patent rights in accordance with the provisions of Article 29, No. 2 of the Patent Act because they are the same as inventions described in the specification or diagrams originally attached to the request for the patent application noted below for which the patent application was submitted prior to this application and which has been disclosed following the application thereof and, moreover, because the inventor of this application and the person(s) who devised the above-noted inventions pertaining to the patent application submitted prior to this application are not the same and, in addition, because the applicant at the time of submission of this application and the applicant of the above-noted patent application are not the same.

ITEM

[List of Cited Documents etc.]

1. Japanese Patent Application No. Heisei 11-241752
(Japanese Unexamined Patent Application No. 2000-151987)

1. Inventions described in the specification of other patent applications

The specification originally attached to the request of Patent Application 1 describes an invention in which the embedding of two specific items of data in a digital image and removal of the specific data from the digital image is difficult and only one part of the above-noted specific data is able to be read out and, furthermore, referring to the diagrams, it describes the following matters:

(a) "The present invention has application in, by way of example, a video camera 300 as shown in Figure 5.

(Lacuna)

A watermark superposing part 312 comprises an enciphering part 312b for, employing an encipher key 1, enciphering electronic watermark data 1 from a watermark data-generating circuit 160, an enciphering part 312c for, employing an encipher key 2, enciphering electronic watermark data 2 from a watermark data-generating circuit 170, and a superposing-processing part 312a for superposing the enciphered data obtained using the enciphering part 312b and enciphering part 312c on compressed image data from a compressing processing part 311 and for superposing the encipher key 1.

Here, the encipher key 1 constitutes a key that is disclosed to general users and the encipher key 2

constitutes a key that is disclosed to specific users only.

Thereupon, first, by implementing processing such as raster block conversion, DCT conversion, quantumization and variable-length encoding, the compressing processing part 311 produces compressed image data of the image data from a digital signal processing circuit 140. This compressed image data is supplied to the superposing-processing part 312a.

At this time, the enciphering part 312b, employing the encipher key 1, enciphers the electronic watermark data 1 from the watermark data-generating circuit 160 and this is supplied to the superposing-processing part 312a as the enciphered data 1. In addition, the enciphering part 312c, employing the encipher key 2, enciphers the electronic watermark data 2 from the watermark data-generating circuit 170 and this is supplied to the superposing-processing part 312a as the enciphered data 2.

The superposing-processing part 312a superposes on the compressed data obtained using the compressed processing part 311 the enciphered data 1 from the enciphering part 312b, the enciphered data 2 from the enciphering part 312c and the enciphered key 1 employed by the enciphering part 312b, and this is supplied to a recording circuit 180. A range of methods can be adopted

as the method for superposing-processing using the superposing-processing part 312a. Examples thereof include a time-division multiplexing method or a method of dividing and embedding a code.

Accordingly, compressed image data in which the enciphered data 1, enciphered data 2 and encipher key 1 have been superposed is recorded in a recording medium 190 by the recording circuit 180." (Paragraphs [0048]-[0054] of the specification)

2. Regarding Claims 1 and 6

The specification originally attached to the request of Patent Application 1 describes an invention in which specific data of an image is enciphered using an encipher key and the enciphered specific data and said encipher key are embedded in the above-noted image as electronic watermark data (see summarized item (a)).

Accordingly, the inventions pertaining to Claims 1 and 6 of the application are regarded as the same as the inventions described in the specification originally attached to the request of Patent Application 1.

Record of Results of the Prior Art Documents Search

• Field searched IPC Edition 7

H04N1/387

• Prior Art Document

Japanese Unexamined Patent Application

No. Heisei 11-289255